BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2014-15/OW/WORK_INDENT16463

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/07/2014-15, Date: 31.10.2014

Maintenance of water supply schemes in ward no. 05, Byatarayanaprua sub division.

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of H V NAGARAJ	
				In Figures	In Words
1	20	Lifting of Submersible pump set as per Soecification and direction etc., complete and as per the directions of the Engineer-in-charge of the work	No.	891.6	Rupees Eight Hundred Ninety One and Sixty Paise Only
2	20	Transportation of pumping machineries etc., complete and as per the directions of the Engineer-in-charge of the work	No.	944.0	Rupees Nine Hundred Forty Four Only
3	20	Labour charges (over hauling) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	577.0	Rupees Five Hundred Seventy Seven Only
4	5	A) Repairs to Motor: Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with guarantee of 6 months. etc., complete and as per the directions of the Engineer-in-charge of the work For 12.5HP motor	No.	4983.0	Rupees Four Thousand Nine Hundred Eighty Three Only
5	15	For 15HP Motor	No.	3400.0	Rupees Three Thousand Four Hundred Only
6	20	Starter (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	5297.0	Rupees Five Thousand Two Hundred Ninety Seven Only
7	20	Rotor (with one year Guarantee) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	4930.0	Rupees Four Thousand Nine Hundred Thirty Only
8	300	Pump Bowls P No. 44 / I No. 10.2.1) APRED SR (2010-11)	No.	682.0	Rupees Six Hundred Eighty Two Only
9	15	Intermediate Piece (I.P) With IP Leaded Bronxe bush P No. 44 / I No. 10.2.2) APRED SR (2010-11)	No.	472.0	Rupees Four Hundred Seventy Two Only
10	20	Upper Flange etc., complete and as per the directions of the Engineer-in-charge of the work	No.	367.0	Rupees Three Hundred Sixty Seven Only
11	20	Lower Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	681.0	Rupees Six Hundred Eighty One Only
12	20	Carbon Housing etc., complete and as per the directions of the Engineer-in-charge of the work	No.	498.0	Rupees Four Hundred Ninety Eight Only
13	20	Thrust bearing block assembly complete with Segment bearing pad.etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1206.0	Rupees One Thousand Two Hundred Six Only
14	20	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement. Oil Seal etc., complete and as per the directions of the Engineer-in-charge of the work	No.	131.0	Rupees One Hundred Thirty One Only
15	20	Oil Seal Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.0	Rupees One Hundred Fifty Seven Only
16	400	Guide vane etc., complete and as per the directions of the Engineer-in-charge of the work	No.	183.0	Rupees One Hundred Eighty Three Only

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17	400	Impeller Shell moulded with aluminium Bronze) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	445.0	Rupees Four Hundred Forty Five Only
18	0	Discharge outlet (D.O) Bearing D.O Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	466.0	Rupees Four Hundred Sixty Six Only
19	10	D.O Bearing P. No. 44 / I No. 10.2.7 PRED SR (2010-11)	No.	262.0	Rupees Two Hundred Sixty Two Only
20	20	Steel Bush etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.0	Rupees One Hundred Fifty Seven Only
21	40	Allen Screw P. No.44 / I No. 10.2.9 RDPR SR (2010-11)	No.	26.23	Rupees Twenty Six and Twenty Three Paise Only
22	20	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) etc., complete and as per the directions of the Engineer-in-charge of the work	No.	996.55	Rupees Nine Hundred Ninety Six and Fifty Five Paise Only
23	20	Pump Key (Stainless Steel) P. No. 45 / I No. 10.2.11 RDED SR (2010-11)	No.	131.0	Rupees One Hundred Thirty One Only
24	10	Pump Couping (Stainless Steel) P. No. 44 / I No. 10.2.12 RDED SR (2010-11)	No.	262.0	Rupees Two Hundred Sixty Two Only
25	20	Non – return valve (NRV) assembly complete with rubber 'O' Ring etc., complete and as per the directions of the Engineer-in-charge of the work	No.	1416.0	Rupees One Thousand Four Hundred Sixteen Only
26	20	Cable Guard etc., complete and as per the directions of the Engineer-in-charge of the work	No.	157.0	Rupees One Hundred Fifty Seven Only
27	20	Strainer P. No. 45 / I No. 10.2.15 RDED SR (2010-11)	No.	157.0	Rupees One Hundred Fifty Seven Only
28	20	Brass Filter etc., complete and as per the directions of the Engineer-in-charge of the work	No.	262.0	Rupees Two Hundred Sixty Two Only
29	20	Labour Chargesw (Over Hauling Only) P. No. 45 / I No. 10.2.18 PRED SR (2010-11)	No.	157.0	Rupees One Hundred Fifty Seven Only
30	20	Re-erection charges of pumping machineries including overhauling and pointing etc., complete and as per the directions of the Engineer-in-charge of the work	Each	996.55	Rupees Nine Hundred Ninety Six and Fifty Five Paise Only
31	50	Lock Ring P. No. 45 / I No. 10.3.11 PREC SR (2010-11)	Each	79.0	Rupees Seventy Nine Only
32	20	a) Carbon Housing P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	472.0	Rupees Four Hundred Seventy Two Only
33	20	Top Carbon/Ferrodo padding P. No. 46 / I No. 10.3.12 APRDED SR (2010-11)	Each	78.0	Rupees Seventy Eight Only
34	50	Stud and Nuts P. No. 45 / I No. 10.3.15 PRED SR (2010-11)	Each	52.0	Rupees Fifty Two Only
35	20	Bearing (Gunmetal) Centrifugal) Cast Aluminium Bronxe, Beaing bush P. No. 46 / I No. 10.3.16 APRDED SR (2010-11)	Each	393.0	Rupees Three Hundred Ninety Three Only
36	50	Circillps P. No. 45 / I No. 10.3.17 PREC SR (2010-11)	Each	52.0	Rupees Fifty Two Only
37	20	Motor Base With Pin P. No. 46 / I No. 10.3.18 ARDED SR (2010-11)	Each	472.0	Rupees Four Hundred Seventy Two Only

38	2	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage. etc., complete and as per the directions of the Engineer-in-charge of the work	No	79700.0	Rupees Seventy Nine Thousand Seven Hundred Only
39	1	Supplying & delivery at site brand new / Essen / Lotus sunsines/Adarsh/ Gk controls best indigenous make combine energy meter-cum-control panel board unit of size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable doors suitable for operation on 3ph, 50Hz, 380/440 volts, AC supply with spring loaded latch locking with a key ribs should be provided inside the door , canopy apron and louvers ventilators shall be provided the combine energy mtr cum control panel board unit suitable for operation on 3ph, 50Hz, 380/440 AC supply shall be consisted etc,. completed T panel board shall be fabricated on single unit in the above components panel board for suitable pumpset above components panel board for suitable pumpset above 6.50 HP to 15.00 HP with star delta starter (MR)	No.	15525.0	Rupees Fifteen Thousand Five Hundred Twenty Five Only
40	22000	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm	sqm	0.36	and Thirty Six Paise Only
41	1000	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. P. No. 49/ I No. 29-b(1) 4 Sqm mm of 56 strands 0.3mm dia Group - A etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	194.0	Rupees One Hundred Ninety Four Only
42	506.25	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	234.0	Rupees Two Hundred Thirty Four Only
43	1500	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	370.0	Rupees Three Hundred Seventy Only

44	5.25	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	62.0	Rupees Sixty Two Only
45	9	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads etc., complete and as per the directions of the Engineer-in-charge of the work	Each	1660.0	Rupees One Thousand Six Hundred Sixty Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92